

IN THE CLAIMS:

Please amend Claims 1 and 7 as shown below. The claims, as pending in the subject application, read as follows:

1. (Currently Amended) A power converter for converting an output from a power source having an unstable output voltage, comprising a transformer, wherein the transformer comprises:
a primary winding which has only two or three turns; and
a secondary winding which has more turns than the primary winding to boost the output voltage from the power source by 25 to 500 times.
2. (Previously Presented) The converter according to claim 1, further comprising a switching circuit which switches DC power supplied from the power source to supply the switched power to the primary winding of the transformer.
3. (Original) The converter according to claim 1, wherein the power source is a solar cell.
4. (Original) The converter according to claim 1, wherein the power source is a single-cell solar cell.
5. (Previously Presented) The converter according to claim 2, wherein switching frequency and duty of the switching circuit are fixed.

6. (Previously Presented) The converter according to claim 1, further comprising an inverter arranged to convert DC power output from the secondary winding of the transformer and rectified by a rectifier into AC power by a switching operation which holds output voltage from the secondary winding substantially constant.

7. (Currently Amended) An electric power generator comprising:
a power source having an unstable output voltage; and
a power converter using a transformer, wherein the transformer comprises:
a primary winding which has only two or three turns; and
a secondary winding which has more turns than the primary winding to
boost the output voltage from the power source by 25 to 500 times.

8. (Previously Presented) The generator according to claim 7, wherein the power converter is provided in plurality, and wherein the number of the plurality of power converters corresponds to a rated output power of the generator.

9. (Original) The generator according to claim 7, further comprising an inverter arranged to convert the output DC power from the converter into AC power by a switching operation which holds the output voltage from the converter substantially constant, thereby generating an output of the generator.

10. (Original) The generator according to claim 7, wherein the generator is interconnected to a commercial power system.

11. (Original) The generator according to claim 7, wherein the power source is a solar cell.

12. (Original) The generator according to claim 7, wherein the power source is a single-cell solar cell.